



Contents of Volume 121

(Abstracted/indexed in: Chemical Abstracts; Current Contents; Physical, Chemical & Earth Sciences; INSPEC; PASCAL/CNRS)

Vol. 121 No. 1

Phase changes during evaporation from a vegetable oil emulsion stabilized by a polyoxyethylene {20} sorbitanoleate, Tween® 80

S.E. Friberg, T. Huang (Potsdam, NY, USA) and P.A. Aikens (Wilmington, DE, USA) 1

Effect of the hydrophobic fraction and particle size in the collectorless column-flotation kinetics

M. Yekeler and İ. Sönmez (Sivas, Turkey) 9

The effect of dissolved species on hydrophobic aggregation of fluorite

C. Hicyilmaz, S. Bilgen and K.E. Ozbas (Ankara, Turkey) 15

Molecular shape of amphiphiles self-organised into bimolecular films

E.V. Shumilina and Y.A. Shchipunov (Vladivostok, Russia) 23

Aqueous synthesis of finely divided pyrite particles

D. Wei and K. Osseo-Asare (University Park, PA, USA) 27

Comparative study of the mixed monolayers of valinomycin with dioctadecyldimethylammonium bromide and dipalmitoylphosphatidylethanolamine

S.Y. Zaitsev, V.P. Vereschetin, V.P. Zubov (Moscow, Russia), W. Zeiss and D. Möbius (Göttingen, Germany) 37

Complexation of counter-ions in ionic micellar solutions: a small-angle neutron scattering study

P. Baglioni, C.M.C. Gambi (Firenze, Italy), R. Giordano (Messina, Italy) and J. Teixeira (Gif sur Yvette, France) 47

Influence of molecular structure of hydrocarbon emulsion droplets on their solubilization in nonionic surfactant micelles

J. Weiss, J.N. Coupland, D. Brathwaite and D.J. McClements (Amherst, MA, USA) 53

Characterization of ferrite particles synthesized in presence of cellulose fibers

J.A. Carrazana-Garcia, M.A. López-Quintela and J. Rivas-Rey (Santiago de Compostela, Spain) 61

Interaction between saponite and cationic, zwitterionic and nonionic surfactants

Y. Yamaguchi and H. Hoffmann (Bayreuth, Germany) 67

Reduced bovine serum albumin adsorption by prephosphatation of powdered zirconium oxide

B. Putman, P. Van der Meer and D. Thierens (Gent, Belgium) 81

The effect of organic cosolvent on the aggregation stability of an aqueous polystyrene latex dispersion

J.E. Seebergh (Seattle, WA/St. Paul, MN, USA) and J.C. Berg (Seattle, WA, USA) 89

Letter to the editor
J. Leja and G. Poling (Vancouver, BC, Canada) 99

Announcement 101

Vol. 121 Nos. 2/3

Effect of acetamide on the critical micelle concentration of aqueous solutions of some surfactants

M.S. Akhter (Isa Town, Bahrain) 103

Properties of the mixed adsorption films of 2,2,2-tribromoethanol/ethanol at the water/air interface

M. Paluch and B. Gzyl (Cracow, Poland) 111

The competitive exchange of hydrogen and cobalt ions on calcium-montmorillonite N.M. Nagy, J. Kónya and Z. Urbán (Debrecen, Hungary)	117
Transport of hydrophobic organic compounds by colloids through porous media. 3. Diffusion from sediment porewater to overlying water in laboratory microcosms K.T. Valsaraj and I. Sojitra (Baton Rouge, LA, USA)	125
Coexistence of two lyotropic lamellar phases induced by a polymer in a phospholipid–water system B. Demé, M. Dubois, T. Zemb (Gif sur Yvette, France) and B. Cabane (Gif sur Yvette/Aubervilliers, France)	135
Precipitation of calcium oxalate and calcium phosphate in the presence of uric acid M. Sikirić, V. Babić-Ivančić and M. Tonković (Zagreb, Croatia)	145
Influence of sodium salicylate on the rheological behaviour of an aqueous CTAB solution V. Hartmann and R. Cressely (Metz, France)	151
OH-Al polymers and HMP adsorption on kaolinite: experimental conditions and viscosity of deflocculated suspensions L.B. Garrido, C. Volzone and R.M. Torres Sánchez (Buenos Aires, Argentina)	163
Dielectric relaxation of non-conducting colloidal particles in non-binary solutions: mutual enhancement of adsorption oscillations I.A. Razilov, N.J. Zharkikh (Kiev, Ukraine), F. González-Caballero, A.V. Delgado (Granada, Spain) and S.S. Dukhin (Kiev, Ukraine)	173
Modeling colloid transport and deposition in saturated fractures C.V. Chrysikopoulos and A. Abdel-Salam (Irvine, CA, USA)	189
Kinetics of hematite aggregation by polyacrylic acid: effect of polymer molecular weights R. Ferretti, J. Zhang and J. Buffle (Geneva, Switzerland)	203
Analysis of calcium hydroxyapatite dissolution in non-stoichiometric solutions P. Schaad, F. Poumier, J.C. Voegel (Strasbourg, France) and P. Gramain (Montpellier, France)	217
Effects of sodium oleate and calcium chloride on the deposition of latex particles on an air/water interface P. Harwot and T.G.M. van de Ven (Montreal, Canada)	229
Effects of copper(II) mixed micelles on autoxidation of 3,5-di- <i>tert</i> -butylcatechol and hydrolysis of <i>p</i> -nitrophenyl diphenyl phosphate Y.Y. Lim, K.H. Lim and M.N. Khan (Kuala Lumpur, Malaysia)	239
Calcium and iron(III) polyphosphate gel formation and aging N.C. Masson, E.F. de Souza and F. Galembeck (Campinas, Brazil)	247
<i>Author Index</i>	257
<i>Subject Index</i>	259
<i>Volume Contents</i>	261

